

Geon™ Vinyl Flexible 90461

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible 90461 is a flexible polyvinyl chloride product. It can be processed by injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Typical application areas are: automotive industry. The main characteristics are: low gloss.

| General Information | | | |
|--|---------------------------------|-------------------|-------------|
| Features | Gloss, low | | |
| Uses | Application in Automobile Field | | |
| | Car interior equipment | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.28 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | | | ASTM D2240 |
| Shaw A | 70 | | ASTM D2240 |
| Shaw A, 15 seconds | 61 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ (Break) | 10.5 | MPa | ASTM D638 |
| Tensile Elongation ² (Break) | 380 | % | ASTM D638 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tear Strength ³ | 31.5 | kN/m | ASTM D624 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -44.0 | °C | ASTM D746 |
| Cold Flexibility ⁴ (-29°C, 1.91 mm) | Pass | | GM 9503P |
| Automotive Burn Test | 0 | mm/min | FMVSS 302 |
| Xenon Weatherometer ⁵ | Pass | | SAE J1960 |
| Additional Information | Nominal Value | | Test Method |

注释:汽车OEM认证.

| NOTE | |
|------|--|
| 1. | Type 4, 510mm/min |
| 2. | Type 4, 510mm/min |
| 3. | C mold, 510mm/min |
| 4. | 25 mm,4 hours |
| 5. | Internal, 602 kJ/m, all colors, dE * <3.0 |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

